WHAT IS CLAIMED IS:

1		1.	A method for generating a page, the method comprising:			
2		determ	nining a data source specification and a layout specification for the page,			
3	the data source specification and layout specification being declaratively specified by a user,					
4	the data source specification including access information for a data source;					
5		retriev	ring data for the data source based on the data source specification and			
6	the access info	he access information;				
7		determining a layout for the data based on the layout specification; and				
8		genera	ating the page using the data and the determined layout.			
1	- _	2.	The method of claim 1, wherein the data source specification			
2	comprises a data type for the data source.					
1		3.	The method of claim 2, wherein the data type comprises at least one of			
2	a spreadsheet data type, XML data type, SQL data type, web service data type, and a web					
3	page data type.	•				
1		4.	The method of claim 1, wherein the access information comprises a			
2	path to the data source.					
1		5.	The method of claim 4, wherein the path comprises a URL.			
1		6.	The method of claim 1, wherein the data source specification			
2	comprises a filtering specification that filters data retrieved from the data source.					
1		7.	The method of claim 1, wherein the layout specification comprises at			
2	least one of a tabular layout, chart layout, news layout, form layout, and bullet layout.					
1		8.	The method of claim 1, wherein determining the layout comprises			
2	formatting the retrieved data into the layout.					
1		9.	The method of claim 1, wherein the page comprises a web-based page.			
1		10.	The method of claim 1, wherein the page comprises a portlet.			
1		11.	A method for generating a graphical user interface (GUI), the method			
2	comprising:					

3	providing a data source interface that enables a user to declaratively specify				
4	access information for a data source;				
5	determining a declarative specification for the data source;				
6	retrieving data for the data source using the access information;				
7	providing a layout interface that enables the user to declaratively specify a				
8	layout for the determined data;				
9	determining a layout specification for the determined data; and				
10	generating a graphical user interface based on the declarative specification for				
11	the data source and the layout specification for the determined data.				
1	12. The method of claim 11, wherein the data source interface comprises				
2	one or more data types that enables a user to specify a data type for the data source.				
1	13. The method of claim 12, wherein the one or more data types comprise				
2	at least one of a spreadsheet data type, XML data type, SQL data type, web service data type,				
3	and a web page data type.				
1	14. The method of claim 12, wherein determining the data comprises using				
2	the specified data type and the access information to retrieve the data for the specified data				
3	source.				
1	15. The method of claim 11, wherein the access information comprises a				
2	URL.				
_	Ord.				
.1	16. The method of claim 11, further comprising providing a filtering				
2	interface including filtering options for the retrieved data that enables a user to declaratively				
3	specify-which data to use in the generated GUI.				
1	17. The method of claim 11, wherein the layout interface comprises one or				
2	more layout options that enables the user to declaratively specify a layout type.				
1	18. The method of claim 17, wherein the layout type comprises at least one				
2	of a tabular layout, chart layout, news layout, form layout, and bullet layout.				
1	19. The method of claim 17, further comprising providing a layout type				
2	interface that enables the user to specify how the retrieved data should be laid out in the GUI				
3	using the specified layout type.				

I		20.	The method of claim 11, wherein the data source interface does not			
2	include the a	de the access information for the data source before it is declaratively specified by the				
3	user.					
1		21.	The method of claim 11, wherein the GUI comprises a web-based			
		21.	The method of claim 11, wherein the Got comprises a web-based			
2	page.					
1		22.	The method of claim 11, wherein the GUI comprises a portlet.			
1		23.	A method for declaratively generating a page using an interface, the			
2	method comp	prising:				
3		receiving a declarative specification of access information for a data source,				
4	wherein the a	access information is input by a user;				
5		retrieving data using the access information for the data source;				
6		detern	determining layout information for data from the data source; and			
7		gener	ating a page using the retrieved data and the layout information.			
1		24.	The method of claim 23, wherein the declarative specification			
2	comprises a specification of a data type for the data source.					
1		25.	The method of claim 23, wherein the access information comprises a			
2	path to the da	to the data source.				
1		26.	The method of claim 25, wherein the path comprises a URL.			
1		27.	The method of claim 23, wherein the declarative specification			
2	comprises a f	filtering	specification that filters data retrieved from the data source.			
1		28.	The method of claim 23, wherein the page comprises a web-based			
2	page.					
1		29.	The method of claim 23, wherein the page comprises a portlet.			